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1918

SUMMER PREPARATORY COURSE
FOR NURSES

AT

WESTERN RESERVE UNIVERSITY

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JUL 19 1918

UNDER THE AUSPICES OF THE
CLEVELAND LEAGUE OF NURSING EDUCATION
AND
THE MAYOR'S WAR ADVISORY COMMITTEE

June 17th to August 23rd, 1918

Cleveland, Ohio

ORGANIZATION

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VEDA R. NEVINSON, R. N.,
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SUMMER PREPARATORY COURSE FOR STUDENT NURSES

INTRODUCTORY STATEMENT

A School for the Training of Nurses has been organized by the Cleveland League of Nursing Education, in co-operation with Western Reserve University to meet the need of the country for graduate nurses. A preparatory course of ten weeks will be offered during the summer of 1918, under the auspices of the Cleveland School of Education to properly qualified women desirous of entering the nursing profession.

The Mayor's Advisory Committee of Cleveland, recognizing the need for hastening the training of nurses has made this course possible by appropriating the necessary funds. This course will cover a period of ten weeks beginning June 17th and will offer a grade of work similar to that usually given during the preparatory term in schools of nursing. At the completion of this term, the students will immediately begin their work in the school of nursing selected.

Most of the Cleveland hospitals maintain recognized schools of nursing. Applicants should apply through one of the Cleveland Nursing Schools for admission to the summer courses here outlined or directly to Miss Josephine Smith, Registrar, 612 St. Clair Ave., Cleveland, Ohio.

ENTRANCE REQUIREMENTS AND CREDIT

Applicants presenting a high school diploma or evidence of equivalent training are eligible for admission to this course. Credit will be given college women according to the number of class hours of college work completed.

FREE ROOM AND BOARD

A student who enrolls through any one of the Cleveland Hospitals will be provided free room, board and laundry by the hospital through which admission to the course has been secured provided she agrees to qualify if possible by this ten week's term of probationary work for admission to the regular advanced work of its

training course for nurses and to seek such admission as soon as qualified for it. It will be necessary for all others to meet their own living expenses. All students will bear their own expenses for textbooks and laboratory fees.

OUTLINE OF COURSE SUBJECTS

Subjects	Hours
Anatomy and Physiology	75
Bacteriology	45
Chemistry	30
Nutrition and Cooking.....	45
Household Economics	30
Drugs and Solutions	30
Sociology	10
Hygiene and Sanitation	20
Historical, Ethical and Social Basis of Nursing.....	15
Total	300 hrs.

ANATOMY AND PHYSIOLOGY

The object of this course is to acquaint the student with the more important features of the human body, considered from the functional as well as the structural standpoint. It will call particular attention to the practical application of, and the conclusions to be drawn from, the knowledge gained during the work, both as regards normal and diseased conditions.

The work in histology will be general in nature. The principles of cytology, specialization, and cell-division, the various types of cells as well as their function, distribution and combinations, together with their grouping to form the various organs will be among the things considered and furnish a basis for the work in anatomy and physiology. The anatomy proper will aim to give the student a concrete and accurate conception of its more general principles and will include all parts of the body. The subject is covered by lectures and practical work on the different organ-systems but with constant reference to the function and inter-relation of the various structures. Physiology concerns itself largely with the chemical and vital phenomena observed in the body. Among the questions with which it would deal may be mentioned: Metabolism, digestion, food values,

respiration, excretion, pulse and blood pressure, and body temperature.

As far as the time will permit, questions of a general biological and embryological interest will be touched upon for the aid they may render in giving a clearer conception and a better perspective of the subject.

BACTERIOLOGY

The object of this course is to acquaint the student with the characteristics of micro-organisms, their forms and activities. The relation of micro-organisms to infections will be emphasized so that the students may understand how to protect themselves, their patients and others from communicable diseases. In a word, the course is designed to supply such bacteriological training and knowledge as every nurse needs in the practice of her profession.

The lectures will take up such subjects as the following—the general biological characteristics of bacteria and related forms, protozoa, molds and yeast; anatomy and functions of one-cell organisms; the morphology of bacteria and the effect of environmental influences upon them; methods of sterilization and the use of germicides and antiseptics; the relation of bacteria to the production of disease; the dissemination of disease-producing micro-organisms.

In the laboratory the student will be taught the use of the microscope; will study the structure of cells, and will make observations of yeasts and molds. The students will also be taught how to make simple culture media, and the methods of growing micro-organisms. The microscopic methods of studying bacteria will be taken up to a certain extent. Practical work in sterilization will also be assigned. If time permit, practical work dealing with the bacteriology of water and milk will be undertaken in an elementary way. As far as possible the students will be shown the technique of making a bacteriological diagnosis in case of a few diseases.

HYGIENE AND SANITATION

The object of this course will be to give the student a knowledge of the principles underlying disease-prevention, and how these principles are being practically applied by boards of health and other agencies. The course is designed to give such information as a nurse will need to understand public health work and to enable her to do her share in educating the public in disease prevention.

Such objects as the following will be considered: modern ideas in regard to the causation of communicable diseases and their trans-

mission; sewage and waste disposal; water and its purification; relation of food to disease; air and its influence on health; the relation of insects and disease; industrial hygiene; school hygiene; vital statistics; public health administration; and similar subjects; all from the point of view of conserving health and preventing disease.

APPLIED CHEMISTRY

In this course an effort is made to acquaint the student with the elements of chemical theory, the properties of the more important metallic and non-metallic elements and their compounds, some important organic compounds, and certain phases of food chemistry and bio-chemistry. The laboratory work is designed to emphasize and explain the principles brought out in the lectures.

NUTRITION

The course aims to acquaint the student with the fundamental facts in regard to the composition of foods and their service in maintaining life and health. Attention will be given to the principles governing the selection and preparation of food with practical work in the laboratory.

HOUSEHOLD ECONOMICS

A discussion of the proper selection, use and care of the materials and equipment of a hospital relating to the work of a nurse.

HISTORICAL, ETHICAL, AND SOCIAL BASIS OF NURSING

To introduce to the pupil the history of nursing and the great leaders who have established its tradition and ideals.

To help the student appreciate some of the obstacles that have been overcome to make the profession what it is, and some of the opportunities which are open to them in the future.

To explain the origin of hospitals and the meaning of their regulations. To interest the pupil in the social as well as the medical aspects of the work, and give her some realization of the social and economical conditions which attend patients.

The following points will be emphasized—

Ethical principles; origins and development of nursing; influence of Christianity; military influence; romantic and knightly ideals; mediaeval nursing; the dark period of nursing; humanitarian movement of early modern period;—Florence Nightingale movement; recent developments; professional ideals and standards;

relation to community and family welfare; hospital and social problems.

DRUGS AND SOLUTIONS

The object of this course is to prepare the student for the further study of the therapeutic action of drugs by familiarizing her with the symbols and terms frequently used in *Materia Medica*, weighing and measuring of drugs accurately, and making up of solutions.

SOCIOLOGY

The purpose of the course is to give the pupil a general understanding of the broad fundamental problems inherent in society today, showing the methods of approach and the agencies at work in attempting to solve these problems; to make the nurses sufficiently familiar with the present emphasis in methods of social work so that they will have some basis for further reading and study, also to serve as a background for public health nursing and other forms of social work; and also to emphasize the close relationship between health and social problems.

EXPENSES FOR TUITION

Students who agree to enter a given Cleveland Hospital for further training on completing this preliminary course will be given free tuition in this preliminary course. Students not complying with this agreement will be charged a tuition of \$25.

SCHOLARSHIPS

Through the Nursing Section of the Cleveland Women's Committee of the Council of National Defense, a fund has been established by the Mayor's War Board of Cleveland, to be known as the Mayor's War Board Scholarship Fund for Pupil Nurses. There are, therefore, twenty-five scholarships available for women of high qualifications who wish to enter the nursing profession. ~~These scholarships cover all tuition charges and laboratory fees.~~

LABORATORY FEES

Anatomy and Physiology	\$1.50
Bacteriology	3.00
Chemistry	1.50
Nutrition and Cooking	2.00
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	8.00

PAYMENT OF BILLS

All laboratory fees and tuition charges are payable to Miss Melisse Wittler, Treasurer of the Cleveland League of Nursing Education, St. Luke's Hospital, Carnegie Ave., Cleveland, Ohio, on or before June 17th.

PLACE OF ENROLLMENT AND CLASS WORK

Students should present themselves at the Medical School, of Western Reserve University, East Ninth St., and St. Clair Ave., Cleveland, Ohio at 8:00 o'clock, Monday morning, June 17th at which time groups will be formed and class work will begin. Class work will be conducted during the first five weeks of the term at the Medical College and subsequently at Adelbert College, Western Reserve University.

For further information concerning this preparatory course for nurses address:

MISS JOSEPHINE SMITH, *Registrar*.
612 St. Clair Ave., S. E.,
Cleveland, Ohio.

Correspondence concerning any other aspect of the work of the summer session of the Cleveland School of Education should be addressed to:

AMBROSE L. SUHRIE, *Dean*,
Cleveland School of Education,
Stearns Road, Cleveland, Ohio.



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